

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An information recorder, characterized by:

recording means for recording data accompanying user data in [[an]] a Lead-Out area disposed outside a user data area to record the user data of a recording area of an information recording medium.
2. (Currently amended) The information recorder as claimed in claim 1, characterized in that said recording means includes means for recording a same attribute as an attribute of the user data area as an attribute of the Lead-Out area disposed outside the user data area.
3. (Currently amended) An information recorder, characterized by:

content data recording means for recording content data in an information recording medium;

index information generating means for generating, for the content data, index information for referring to contents of the content data; and

index information recording means for recording the index information generated by said index information generating means in [[an]] a Lead-Out area disposed outside a user data area to record user data of a recording area of the information recording medium.
4. (Currently amended) The information recorder as claimed in claim 3, characterized in that said index information recording means records the index information generated by said index information generating means in the Lead-Out area disposed outside the user data area to record the user data of the recording area of the information recording medium at a time after said content data recording means completes the recording of the content data in the information recording medium.
5. (Currently amended) The information recorder as claimed in claim 3, characterized in that said index information recording means-successively records the index information

generated by said index information generating means in the Lead-Out area disposed outside the user data area to record the user data of the recording area of the information recording medium during the recording of the content data in the information recording medium by said content data recording means.

6. (Currently amended) An information recording method, characterized by:

recording data accompanying user data in [[an]] a Lead-Out area disposed outside a user data area to record the user data of a recording area of an information recording medium.

7. (Currently amended) The information recording method as claimed in claim 6, characterized by recording a same attribute as an attribute of the user data area as an attribute of the Lead-Out area disposed outside the user data area.

8. (Currently amended) An information recording method, characterized by:

a content data recording step of recording content data in an information recording medium;

an index information generating step of generating, for the content data, index information for referring to contents of the content data; and

an index information recording step of recording the index information generated by said index information generating step in [[an]] a Lead-Out area disposed outside a user data area to record user data of a recording area of the information recording medium.

9. (Currently amended) The information recording method as claimed in claim 8, characterized in that said index information recording step records the index information generated by said index information generating step in the Lead-Out area disposed outside the user data area to record the user data of the recording area of the information recording medium at a time after said content data recording step completes the recording of the content data in the information recording medium.

10. (Currently amended) The information recording method as claimed in claim 8, characterized in that said index information recording step successively records the index information generated by said index information generating step in the Lead-Out area disposed outside the user data area to record the user data of the recording area of the information recording medium during the recording of the content data in the information recording medium by said content data recording step.

11. (Currently amended) A recording medium in which is recorded a program for causing a computer to execute a process of recording data accompanying user data in [[an]] a Lead-Out area disposed outside a user data area to record the user data of a recording area of an information recording medium.

12. (Currently amended) The recording medium in which is recorded the program as set forth in claim 11 for causing the computer to execute a process of recording a same attribute as an attribute of the user data area as an attribute of the Lead-Out area disposed outside the user data area.

13. (Currently amended) A recording medium in which is recorded a program for causing a computer to execute:

 a content data recording process of recording content data in an information recording medium;

 an index information generating process of generating, for the content data, index information for referring to contents of the content data; and

 an index information recording process of recording the index information generated by said index information generating process in [[an]] a Lead-Out area disposed outside a user data area to record user data of a recording area of the information recording medium.

14. (Currently amended) The recording medium in which is recorded the program as set forth in claim 13, wherein said index information recording process records the index

information generated by said index information generating process in the Lead-Out area disposed outside the user data area to record the user data of the recording area of the information recording medium at a time after said content data recording process completes the recording of the content data in the information recording medium.

15. (Currently amended) The recording medium in which is recorded the program as set forth in claim 13, wherein said index information recording process successively records the index information generated by said index information generating process in the Lead-Out area disposed outside the user data area to record the user data of the recording area of the information recording medium during the recording of the content data in the information recording medium by said content data recording process.